

dispoCHEM MAX

TECHNICAL DATAS

Type: disposable, ambidextrous, powder-free
 Fabrics: nitrile
 Weight: light
 Length: 300 mm
 Thickness: 0,2 mm
 Colour: blue
 Size: S/7, M/8, L/9, XL/10, XXL/11



DESCRIPTION

Two-hand gloves made of 100% nitrile. Powder-free, without natural caoutchoc, they ensure perfect protection against contacting liquids and hazardous materials. Among disposable gloves, they are characteristic for exceptional chemical-resistance. Extraordinarily flexible, they guarantee a perfect grip. Chlorinated in order to facilitate putting on/off, they have a rolled-up cuff for additional protection against possible leakages and dripping of chemicals. Model authorised for contacting food.

APPLICATIONS

Works in laboratories, works with chemicals, production (petroleum and gas), automotive industry.



EN 388:2016+A1:2018



2000X

EN 388:2016+A1:2018

Gloves providing protection against mechanical risk

Abrasion resistance	2
Cut resistance	0
Tear resistance	0
Puncture resistance	0
Resistance to cuts with sharp objects (TDM EN ISO 13997) (A to F)	X

EN ISO 374-1:2016/Type A



JKOPST

EN ISO 374-5:2016



VIRUS

CAT III



EN ISO 21420:2020



G1
ISO 18889

PPE Regulation (EU) 2016/425 | EN 388:2016+A1:2018 – Gloves providing protection against mechanical risk | EN ISO 21420:2020 – General requirements for protective gloves | EN ISO 374-5:2016 Protective gloves against dangerous chemicals and microorganisms | ISO 18889:2019 - Protective gloves for pesticide operators and re-entry workers | Type A – 30 minutes (level 2) against minimum 6 test chemicals

EU Type examination carried out by:- SATRA Technology Europe Ltd,
Bracetown Business Park, Clonee, Dublin, D15 YN2P, Ireland.
(Notified Body No. 2777)

Permeation by chemicals in accordance with EN ISO 374-1:2016+A1:2018//Type A

Chemical	Code letter	Breakthrough time	Level						
Metanol	A	4 minutes	0	<i>The lowest Breakthrough time is used exdetermination of performance level.</i>					
n-Heptane	J	>480 minutes	6						
Sodium hydroxide 40%	K	>480 minutes	6						
Sulphuric Acid 96%	L	14 minutes	1						
Nitric Acid 65%	M	8 minutes	0						
Acetic Acid 99%	N	12 minutes	1						
Ammonium hydroxide 25%	O	39 minutes	2						
Hydrogen Peroxide 30%	P	>480 minutes	6						
Hydrofluoric Acid 40%	S	35 minutes	2						
Formaldehyde 37%	T	223 minutes	4						
<i>Performance level</i>	1	2	3						
<i>Breakthrough time (minutes)</i>	>10	>30	>60	>120	>240	>480			

Micro-organisms risk in accordance with EN ISO 374-5:2016

Protection against bacteria & fungi: **PASS**

Protection against Viruses: **PASS**

Degradation by chemicals in accordance with EN ISO 374-4:2019

Chemical	Code letter	Mean Degradation	Appearance of the sample after testing
Metanol	A	81,8%	Moderate swelling
n-Heptane	J	13,6%	Slight swelling
Sodium hydroxide 40%	K	5,0%	No change
Sulphuric Acid 96%	L	100%	Complete degradation
Nitric Acid 65%	M	98,5%	Sever swelling and colour change
Acetic Acid 99%	N	96,3%	Sever swelling
Ammonium hydroxide 25%	O	34,7%	Moderate swelling
Hydrogen Peroxide 30%	P	43,4%	Slight swelling
Formaldehyde 37%	T	21,7%	Slight swelling
Hydrofluoric Acid 40%	S	-	-

EU Type examination carried out by:- SATRA Technology Europe Ltd,
Bracetown Business Park, Clonee, Dublin, D15 YN2P, Ireland.
(Notified Body No. 2777)

Mechanical test data in accordance with EN 388:2016+A1:2018

Mechanical test data	Result	Mechanical Property / Level	1	2	3	4	5
Abrasion resistance	Level 2	<i>Abrasion resistance (Cycles)</i>	100	500	2000	8000	–
Cut resistance	Level 0	<i>Cut resistance (Index)</i>	1,2	2,5	5,0	10,0	20,0
Tear resistance	Level 0	<i>Tear resistance (Newton)</i>	10	25	50	75	–
Puncture resistance	Level 0	<i>Puncture resistance (Newton)</i>	20	60	100	150	–
TDM Cut Resistance	X	<i>Cutting force (Newton)</i>	A >2, B >5, C >10, D >15, E >22, F >30				

X-Not tested

0 – Level 1 not achieved

Permeation by chemical in accordance with ISO 18889:2019

Chemical	Test Method	Requirement	Test Results
EC-DY (surrogate pesticide) diluted solution	ISO 19918:2017	≤10 µg/cm ²	Pass

Micro-organisms risk in accordance with EN ISO 374-5:2016
Protection against bacteria & fungi: PASS
Protection against Viruses: PASS